

# Release Notes

**FortiAP-W2 7.2.1**



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FortiAP-W2 7.2.1 Release Notes

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## Change log

Date	Change description
2022-08-23	Initial release.
2023-03-21	Added Common vulnerabilities and exposures to <a href="#">Resolved issues on page 9</a> .

# Introduction

This document provides release information for FortiAP-W2 version 7.2.1, build 0280:

For more information about your FortiAP device, see the [FortiWiFi and FortiAP Configuration Guide](#).

## Supported models

FortiAP-W2 version 7.2.1, build 0280 supports the following models:

Models
FAP-221E, FAP-222E, FAP-223E, FAP-224E, FAP-231E



FortiAP-W2 models do not have the unified threat management (UTM) functionality.

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## New features or enhancements

The following table includes FortiAP-W2 version 7.2.1 new features and enhancements:

Bug ID	Description
802838	FortiAP support to enable/disable 802.11d.
811132	WPA3 Enhancement (Wi-Fi 6 Rel 2); Support WPA3-SAE Public Key (PK) and Hash-to-Element (H2E) only.
815472	DSCP marking based on client's application attribute as determined by NDPI engine (for bridge-mode SSID).

## Region/country code update and DFS certification

Bug ID	Description
823674	The region code of Jordan is changed from "I" to "E".
823679	Mongolia (MN) is added in region code "I".
830290	Supports DFS channels on FAP-221E Gen3 and FAP-223E Gen3 with region code "J".

## Changes in CLI

Bug ID	Description
815472, 822042	<p>In order to utilize the NDPI-based DSCP marking feature, you must first enable "application-dscp-marking" under the FortiGate VAP configuration.</p> <p>Then, from the FortiAP CLI, implement the following command to map application attribute(s) to DSCP value(s), one by one:</p> <pre>Cw_diag -c ndpi-dscp [attribute name or no.] [dscp value] [direction]</pre> <p><b>Note:</b> The direction can be both (as default), uplink or downlink.</p>

# Upgrade and downgrade information

## Upgrading to FortiAP-W2 version 7.2.1

FortiAP-W2 version 7.2.1 support upgrading from FortiAP-W2 version 7.0.3 and later.

## Downgrading to previous firmware versions

FortiAP-W2 version 7.2.1 support downgrading to FortiAP-W2 version 7.0.3 and later.

## Firmware image checksums

To get the MD5 checksum code for a Fortinet firmware image, perform the following steps:

1. Go to the [Fortinet Support](#) website.
2. Log in to your account. If you do not have an account, create one and then log in.
3. From the top banner, select **Download > Firmware Image Checksums**.
4. Enter the image file name, including the extension. For example, FAP\_S221E-v600-build0233-FORTINET.out.
5. Click **Get Checksum Code**.

## Supported upgrade paths

To view all previous FortiAP-W2 versions, build numbers, and their supported upgrade paths, see the [Fortinet Documentation](#) website.

# Product integration and support

The following table lists product integration and support information for FortiAP-W2 version 7.2.1:

<b>FortiOS</b>	7.2.1 and later
<b>Web browsers</b>	Microsoft Edge version 41 and later
	Mozilla Firefox version 59 and later
	Google Chrome version 65 and later
	Apple Safari version 9.1 and later (for Mac OS X)
	Other web browsers may work correctly, but Fortinet does not support them.



We recommend that the FortiAP firmware version be matched with the respective FortiOS version, when available. Other variations of FortiOS and FortiAP versions may technically work for the lowest common feature set. However, if problems arise, Fortinet Support will ask that the versions be matched, as recommended, before troubleshooting.



## Resolved issues

The following issues have been resolved in FortiAP-W2 version 7.2.1. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
686411	Fixed a kernel panic issue in function call <code>dev_hard_start_xmit</code> .
790245	Sometimes, FortiAP could not reconnect to FortiLAN Cloud and received error message: "Too many DTLS setup failures 5. Restart wtp daemon".
796778	FortiAP should be able to clear RADIUS-based MPSK cache per MAC address and shorten the cache timeout (300 ~ 864000 sec, 0 to disable caching).
797019	FortiAP should generate DNS process success logs for wireless stations. <b>Note:</b> FortiGate won't generate such logs due to the high volume.
798677	A notice-level wireless event log should be generated when Probe Request is dropped due to low RSSI.
801972	Wireless event logs should be generated when wireless clients get deauthenticated or disassociated.
820997	FortiAP units were sending an excessive amount of CPU and memory statistics to FortiLANCloud.
821831	PoE Mode Configured value and Operating value were shown inconsistently on FortiAP GUI.

## Common vulnerabilities and exposures

FortiAP-W2 version 7.2.1 is no longer vulnerable to the following common vulnerabilities and exposures (CVE) reference:

Bug ID	Description
786638	CVE-2022-29058 (Command injection in CLI).

Visit <https://fortiguard.com> for more information.

## Known issues

The following issues have been identified in FortiAP-W2 version 7.2.1. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support](#) website.

Bug ID	Description
537931	FAP-222E doesn't support the FortiAP Configuration mode. Push and hold the RESET button on the POE adapter for more than 5 seconds to reset FAP-222E to the factory default.
655887	FAP-221E/223E gets low throughput on tunnel SSID when its wtp-profile has set <code>dtls-policy ipsec-vpn</code> .
692160	Wireless packets captured by FortiAP radio in Sniffer mode are corrupted.



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